TO DRAUGHTSMEN AND CIVIL ENGINEERS.

H. MORRELL, BLACK LEAD PENCIL MANUFACTURER, No. 100, Fleet-street, London.

These Pencils are prepared to various degrees of hardness and shades.

HHHH for drawing on wood.
HHH for architectural use.
HH for engineering.
H for the shadow.
HB hard and black for drawing.
F Light and drawing.
FF for general use.
HB black for shading.
BB ditto ditto.
BBB ditto ditto.
BBBB ditto ditto.
M medium.

Sold by all the principal Stationers in town or country.

E. WOLFF & SONS' newly-invented CRETA LEVIS, or PERMANENT DRAWING CHALKS, in colour, in every variety of colour.—E. WOLFF and SONS beg to state that they have, by the introduction of great improvements in their CRETA LEVIS, enabled it to be used the same as the ordinary pencils; and effects can now be produced equal to water-colour drawings, without the use of water or any other fluid, the use of water always blunders the delicate pencil drawing, leaves a dull and stubbed appearance. It is a real long-lasting pencil, in the hands of giving a very delicate outline. Find fault in these Pencils, there are all advantages resulting from the adoption of the CRETA LEVIS must be evident, as, without the use of water, palette, brushes, &c., all the various tints can be obtained with a freshness that cannot be surpassed, and by their compact form may be carried any distance without the slightest inconvenience; thus superseding every other method in general use. The dimensions may be carried in a portfolio with safety, as, unlike other crayons, they will neither rub off nor suffer injury by coming in contact with the usual contents of a portfolio. The CRETA LEVIS, unlike the unpalatable or wax crayons, WILL NOT BE AFFECTED BY THE ATMOSPHERE OF OUR WARM ROOMS.

E. WOLFF and SONS' IMPROVED CRAYON PAPER is the best for the CRETA LEVIS. To be had of all Artists' Colourmen and respectable Stationers in leather boxes, containing sets of 12, 18, 24, 36, &c. A Pattern Card, containing the whole of the shades and colours of the CRETA LEVIS, with their names and numbers attached to each shade, price 1s. each. CAUTION.—As there are several spurious imitations, it is necessary to observe that every Pencil is stamped "CRETA LEVIS, E. WOLFF and SONS." Lessons, with name of the colour, "Crete Levis Drawings best to copy at E. GLIFFORDS, 20, Piccadilly.

Manufactory, 23, Church-street, Spitalfields, London.

TO BUILDERS, PAINTERS, AND OTHERS.

W. COCKMAN and SONS, 122, Tottenham-court-road, and 16, Alternate-street, due Colour and Varnish makers beg to call the attention of the above Trades to their superior CARRIAGE VARNISH, at 10s. per gall. combining great body with paleness and brilliancy of colour. Also Best body Copal, at 9s. per gall. Turpentine ..... 3s. 6d. per lb. Spirit Varnishes ..... 6s. Otto Emerald Green ..... 1s. 6d. Otto Paper Pink, White, Ice, 12s. 14s. 16s. per lb. Otto Prussian Blue, 3s. Otto

A sample gallon sent to any part of town, carriage free.

DAMP WALLS.—New PATENT PAINT: a contracted remedy, will dry in a few hours, and may be immediately papered over.—G. BELL and CO., steam mills, 3, Wellington-street, Goswell-street.

THE METALLIC PAINT, produced by the PATENT ALKALI COMPANY, has been extensively used for several years on farm buildings, iron bridges, roofs, and railings, shipping, &c., and it is universally adopted that it covers a greater surface than any other pigment, and stands far better on wood, iron, Abethaw tiles, and Roman cement, than the ordinary paints. Fine black, 20s. per ton; rich purple brown, 20s. per ton.

Company's Offices, 5, New Broad-street, London.

JOHN A. WEST, Secretary.

PATENT WHITE ZINC PAINT.—JOHN WARNER and SONS are prepared to supply this paint to builders, painters, and plumbers, on wholesale terms. It is free from all poisonous qualities; it is unaffected by sea-water, sulphuretted hydrogen, or any of the gases; and preserves the external colour where white lead paint will not.—Prospectuses to be had at J. Warner and Sons', 8, Crescent, Jewin-st., London.

PATENT WHITE ZINC, ANTIMONIAL, and other metallic PAINTS, greatly improved in the manufacture, may now be had in any quantity; also whitened and patent materials of every description.

Wholesale buyers and the trade supplied on liberal terms.

VAUGHAN and SYMONDS, Southwark Steam Colour Works, Queen-road, Borough, London.

HUBBUCK'S PATENT WHITE ZINC PAINT—ANNOUNCEMENT.

For MARINE USES, it possesses the following advantages:—It is whiter than any other Paint, and retains its whiteness for years unaffected by bilge-water, or noxious vapours from cargo. The White Paint in the hold of a ship, after discharging a cargo, is found to be as white as the new bulkhead, when newly painted. Under these and other circumstances, when every other paint hitherto known and tried has failed, the "White Zinc Paint" has preserved the freshness of its colour. Moreover, by virtue of its calorific action on iron, it enters the pores, and forms an amalgam of the two metals, which protects the iron from rust, decay, or incrustation.

For the GENERAL PURPOSES of the decorative painter, the "White Zinc Paint" has been found unparalleled in whiteness, clearness of colour, durability, and beauty of texture. It becomes so hard as to admit of polishing equal to the finest enamel specimens.

For SANITARY PURPOSES the "White Zinc Paint" is valuable, not only from its being totally free from every harmful injurious to health, but from its counteracting chemical qualities which render it a powerful corrective where contagious diseases have prevailed; furniture or buildings painted with it are at once disinfected. Paralysis and Painters' Colic are avoided by its use, as well as similar results to the persons of newly painted rooms. Apartments may be immediately occupied, without injury to the health of children or the most delicate constitution. It becomes cheaper than common paint, from its spreading over a much larger surface. 7 cwt. of this paint covers as much as is usually covered by 3 cwt. of white lead. Each cask is stamped with the name "Hubbuck & London—Patent," as the style of the Manufacturers. A circular with full particulars may be had of the manufacturers, THOMAS HUBBUCK and SON, Colour Works, opposite the London Dock.

EVANS'S MINERAL OXIDE PAINTS.

Office, 4, Philpot-lane, London.

Green	20s.	per Cwt.
Lead Colour	20s.	"
Brown or Red	20s.	"
Black	20s.	"
Dark Brown	20s.	"
Yellow for Varnishes	20s.	"

Purchasers of 1 Cwt. and upwards are not charged.

These prepared tints of the Mineral Oxide Paints will be found more durable, and at the same time more economical than any other paint.

They are proof against sulphureous vapour, gases, and salt water, of which the following testimonials are sufficient evidence:

"S. Billinghurst, Esq.

"GENTLEMEN, 14, April, 1851.

"The result of the trial of your Mineral Oxide Paints on the Buoys, entrusted to me for the service of the Commissioners Commissioners of the Trinity House, has been very satisfactory, both as it respects the quality and the durability of the Paints, and the economy of cost.

"You are at liberty to make use of this testimonial in their favour. "We are, Gentlemen, Your obedient servants,

"BROWN, LENNOX, and CO."

"S. Wharf-road, road, Kingsland-road, London, April 24, 1851.

"Sir,

"We have used your paint on the various gas works which we have connected during the last seven years, and have so high an opinion of it as to be the best and most durable covering for iron.

"We shall continue to use and recommend it on hereafter.

"We are Sir, yours obediently,

signed "WEST WOOD and WRIGHTS."

PURE PATENT WHITE ZINC PAINT of the VIEILLE MONTAGNE MINING COMPANY.—This Company, having the exclusive right to all rights and patents for the Patent White Manufacture in France and Belgium, is prepared to GUARANTEE, on a large scale, the WHITE OXIDE OF ZINC, a PURE WHITE PAINT, and a PURE WHITE, not subject to any change from the fumes from sewers, or any other Paint. The Patent White Paint is further the cheap Paint, in which the Company is anything but financial, inasmuch as it covers equal to a double quantity of other paints, and is not affected by the fumes of sewers, or any other Paint. The Patent White Paint covers twice as much as any other lead paint, and is not affected by the fumes of sewers, which other lead paints are. White zinc paint covers twice of those powers, being invariably superseded by white lead upon the human frame; neither Painters' Colic, nor Paralysis, &c. &c., to which lead paint exposes the plate of the workmen who manufacture and use it are subject, and to which persons who inhabit newly painted apartments are also liable. A spurious article having been introduced in the market under the name of White Zinc Paint, the Public is cautioned against it, because, when adulterated, it becomes a very inferior paint, instead of a first rate one.—For further particulars and Prospectuses, apply to Mr. H. F. SCHOLL, general agent for England and Scotland, at the Company's Offices, 12, Manchester-buildings, Western-terrace, Brixton, London.

THE PATENT GALVANIZED IRON.

TUPPER and CARR,
Owners of Crawford's Patents, and successors to
THE GALVANIZED IRON COMPANY,

Supply patent Galvanized Sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, Gutterings, Wire of all gauges, Guttering, Hooping, &c. Wholesale, retail, and for export.

An allowance to the trade.

WORKS—WILLENHALL and BIRMINGHAM.
LONDON OFFICE, 8, MANSION-HOUSE PLACE.

IRON BUILDING and ROOFING WORKS,

BIRMINGHAM, late of Smethwick.
JOHN H. PORTER,

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.

PATENTEE
Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

THE CORRUGATED and GALVANIZED IRON ROOF,
PORTABLE BUILDING, AND
NASMYTH'S PATENT FLOORING, ROOFING, AND GIRDER WORKS.

Offices, 48, Gracechurch-street.

JOHN WALKER, son of the Patentee of Corrugated Iron, calls the attention of Architects, Engineers, &c., to his Plan of Fixing, which, consistently with good workmanship, are extremely low.

Models of the patent Iron flooring, corrugated or not, and Girders; also, drawings of roofs, on peculiar principles, may be had on application.

Drawings of the iron lighthouse spoken of in the Times and other papers since the Exposition for February 23rd, may be seen by application.

References to firms of the highest class can be given.

THE PATENT GALVANIZING and CORRUGATING WORKS, Glasshouse Yard, opposite the London Docks, Office—12, Circus, Minories. JOHN EDWARDS and CO., the Proprietors, having made considerable improvements in the process of Galvanizing Iron, execute orders to any extent on the shortest notice, and in a manner hitherto unequalled. Iron Sheets, plain or corrugated, for Iron Houses, Shed, Railway Stations, &c., lined if required; Tubes, Piping, Guttering, &c., for Home use and Exportation. Goods sent for and returned free of charge, within three miles of the City; and all light goods received by 9 a.m. will be returned the same day if required. A Discount allowed to the Trade.

MOREWOOD and ROGERS'S PATENT GALVANIZED TINNED IRON,—i.e. Iron Tinned previously to being Galvanized. The attention of Architects, Engineers, and others is directed to the various uses to which this metal can be beneficially applied, viz., for all roofing purposes, especially of large span, either plain corrugated, arched and corrugated, or in the form of tiles; for all sheds, barns and buildings of a similar description; for the lining of tunnels, cisterns, and tanks; for gutters, ridges, and piping of every description, plain and ornamental; nails, bolts, and rivets, iron hooping; and for all roofing purposes, sheathing, machinery, chairs, &c.

ANDREW WHYTOCK, 48, New Oxford-street, and Rose-street, Soho, begs to particularize the "Tiles," in size 9 feet long by 2 feet wide, prepared expressly of "Galvanized Tinned Iron" for the covering of timber roofs of the ordinary construction. They will be found to form a durable portable weather-tight covering, no rivets nor nails are required to be driven under the tiles by the wind, and the unlucky accidents of "broken slates, with the annual rent-charge for such repairs are avoided. A square of covering of 24 square metal weighs about 14 cwt., while slating weighs from 7 to 12 cwt.; the first cost of covering a roof with this special tin amount of the great saving in timber work is at least 10 per cent. less than a shingled roof. A. W. begs to recommend the adoption of this metal for PANELS to DOORS, SHUTTERS, &c. to ordinary framed joiners' work, as, independent of the security against burglars, knots, shrinkings, and many other disadvantages of wood panels are avoided. For all sizes of this metal and information as to its applicability to any purpose, all queries are referred to the Surveyor of the Patentees, Mr. GEORGE MORGAN, No. 68, Parliament-street.

CHEAP GAS FITTING and BELL-HANGING.—Public and Private Buildings fitted up with PATENT-WELDED IRON TUBES for GAS, at 8d. per foot run, bells hung in the best secret manner with Porcelain Levers complete, at 6s. per pull.

BARRATT, Gas Fitter and Bellhanger, 7, Arthur-street, Old Kent-road.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN and Co., St. Ann's Wharf, Earl-street, City, near Blackfriars-bridge, keeps a large stock of Rain Pipes, Heads, Shoes, Elbows, &c., half round and O. G. Gutters, Socket Pipes for Water or Gas, Plinth Pipes, Sash Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, in various plain and ornamental patterns for Cottage, Stable, Scullery, Farm, Road, Garden, and for Liquid Manure. BRASS WORKER PUMPS, in Wrought and Cast Iron, HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth, SINGLE and DOUBLE PUMPS, to Order-chain here, kept for Hire.

BENJ. POWLER, late of 48, Dean-street, removed to the new Factory, Whitechapel-road, Bell-street.

TO BUILDERS AND PLUMBERS.

THE attention of the Trade is called to

JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP,

which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard the cumbersome age and expensive shoes and guides are unnecessary, rendering the price considerably less than pumps made on the old plan. Beer and Cider Engines for public houses, Garden Engines, Fountains, and Garden Engines constructed on the same principle.

JOHN WARNER & SONS,
8, Crescent, Jewin-street, London,
Manufacturers and Patentees.

TO ARCHITECTS AND BUILDERS.

THWAITES and REED, original inventors of the patent door-springs, beg to call the attention of the trade to their manufactured by them, which, for durability and easy operation, are superior to any other; they have been in use upwards of twenty-one years at the Bank of England, and many other public and private buildings, counting machines, wind chain, &c. 4, Bowling-green, Clerkenwell, Established 1743.

COLLINGE'S PATENT HINGES.—Sole Manufacturers, CHARLES COLLINGE and CO., 48, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coach-house, and other gates and doors of large and small dimensions, a gate of a ton weight moving with these hinges as easily as a wicket. Ornamental hinges, adapted for drawing-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Reading and double-action spring hinges, and superior gate fastenings, at moderate prices. Some of the articles marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought-iron work, for buildings and other purposes. Hurdles, machinery, patent cast irons, name-cards, &c.

IRON FOUNDRY, 80, Goswell-street (late of Brick-lane, St. Luke's).—J. J. JOPPS, having made great additions to his Stock of PATTERNS, has resumed the Trade, and he can now supply them with Plain and Ornamental Iron Gates, Gardens, Balconies, Gates, Iron Coping, Balconies, Window Grids, Verandahs, Ornamental Staircase Panels, Iron Staircases, Iron Enclosures, Trellis Panelling, Lamp and other Brackets, Gas-levers, Spread Eys, Water Closet Work, Area Gratings, Pillars, and other Wheels, Wheel Plates, &c.

BAKERS' OVEN WORK, Forge Backs and Troughs, Cast Water Pipes and Gutters, Sash Weights, Furnace Bars, Iron Hoops, &c., always in stock.

FOUNDRY AND IRON WORKS,

168, DRURY-LANE, and CHARLES-STREET, DRURY-LANE.

GLOVER, BROS.,

Solicit the attention of the Trade to their extensive Stock of PATTERNS for CASTINGS of EVERY DESCRIPTION, either structural or ornamental.

Patterns of Gardens, Columns, Balconies, Railing, Ornaments, Gateways and Park Gates, Lamp and Street Posts, Tanks, Pipes, Wheels, Pinions, Lathes, and Steam-engines; Range and Hob Metal. An improved Seed-lower, adapted for internal work.

A large stock of Rain-water Pipes, Plain and O G Gutters, Bricks, Sash Weights, Air-tight Sewer Grates, Stable Furniture, Hurdles, &c.

Plain and Ornamental Vases 20 per cent. cheaper than Terra-cotta.

Estimates given for Iron Buildings, Wrought-iron Roofs, Greenhouses, Staircases, Wrought-iron Gardens, Fireproof Iron Book-safes and Strong Rooms, Tanks and Boilers, and every description of ironwork to specification, and the work executed with attention to quality and despatch.

GLOVERS' IRONWORKS,
168, DRURY-LANE, and CHARLES-STREET.

CHURCH and TURRET BELLS cast to any weight, and tuned. Ship, plantations, house, sheep, cap, and clock bells of any size.

MUSICAL HAND BELLS

Tuned to the chromatic scale, with improved clappers, and fagoted on a new system, which gives a superior tone and facility for ringing.

Memorial Bronze, Pulpit Lights, and Brackets, &c.

Old Bells recast or taken in exchange.

J. WARNER and SONS,
BELL FOUNDERS,
ENGINEERS, &c.

REVOLVING SAFETY WOOD AND IRON SHUTTERS.—ALEXANDER, Patentee, 98, Fleet-street, and at his Steam-works, 126, Old-street. These shutters are fully borne out their superiority over other revolving shutters in security, durability, and simplicity. Testimonials can be given by persons whose mansions are fitted therewith, and numerous establishments, where some are fitted measuring upwards of 20 square feet in one shutter, and which are opened and closed in a few moments with the greatest possible ease without the use of machinery. The Patentee manufactures Brass Dash Bars, and Board Plates, &c.

REVOLVING SHUTTERS. — CLARK and Co. invite the attention of architects and builders to their improvements in REVOLVING SHUTTERS of IRON or WOOD. Having completed new and improved machinery for the manufacture of revolving shutters, they are enabled to offer them at considerably reduced prices. Manufacturers of improved DRAWS ORNAMENTAL METALLIC SASH BARS, door mouldings, door-board plates, door-plates, &c. Engravers in the first style of workmanship.—Messrs. C. and Co. having sold some hundreds, will feel a pleasure in forwarding the testimonials of architects and others having them in use, on application. Steam machinery, saw benches, and machinery of every description, and free-work connected with buildings, planing, boring, and turning.—CLARK and Co., Engineers, Tunnel Iron Works, Wapping, London.—City Office and Show Room, 21, Cheapside.

BUNNETT and Co., ENGINEERS,

Patentees and Manufacturers of
REVOLVING IRON AND WOOD SAFETY SHUTTERS,
and of
ORNAMENTAL SASH BARS, MOULDINGS, STALL-PLATES, &c.
FOR SHOP-FRONTS, AND OTHER WINDOWS, OR SKYLIGHTS,
IN BRASS, COPPER, ZINC, IRON, &c.

Shop-fronts completely fitted up and glazed with best plate glass. Metal works and improved machinery of all kinds for warehouses, business, &c.

BUNNETT and Co. challenge competition as to either quality or price.

Office, 24, Lombard-street, London; Works, Deptford, Kent.

B. and Co. are also Patentees and Manufacturers of Improved Bench and Flooring Clamps for Builders, Wrought Iron Hurdles, doubly trapped self-acting Water Closet Traps, for Sewers, Drains, &c. &c.

TO ARCHITECTS, BUILDERS, &c.
ATTENTION IS REQUESTED TO THE

DIRECT ACTION BALL TAP, invented and patented by H. THOMPSON, C.E.

In them Taps the old fashioned lever is done away with, thus doubling action, while the water was being admitted, even cut the cause, and rendered the cock unusual.

The Direct Action Ball Tap cannot stop up or down, thus either flooding or leaving premises with no water; a fault with all similar contrivances possess in an extreme degree.

They will fill a reservoir in less time than any other tap of similar diameter, the movement of the cause—may remaining fully open until the water in the cistern is within one inch of the required level, when they shut off without the possibility of leakage.

The perpendicular principle, with compensating valve, renders this action unerring and perfect under any pressure whatever.

Specimens can be seen in action at the office; and all necessary information, with drawings, forwarded by application to HARCOURT THOMPSON and Co., Engineers, 24, Parliament-street, Westminster.

For Info on PDF Compression and OCR go to our website